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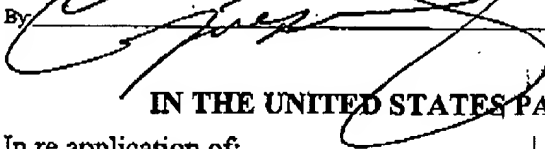
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**AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE -
EXAMINING GROUP 2133**

PATENT

Attorney Docket No.: 020945-001510US

On 1/28/05
TOWNSEND and TOWNSEND and CREW LLP

By 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Xiaopeng Chen et al.

Application No.: 09/882,283

Filed: June 14, 2001

For: **METHOD FOR ITERATIVE AND
NON-ITERATIVE DATA
DETECTION USING REDUCED-
STATE SOFT-INPUT/SOFT-
OUTPUT ALGORITHMS FOR
COMPLEXITY REDUCTION**

Confirmation No. 7871

Examiner: Joseph D. Torres

Technology Center/Art Unit: 2133

**AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE EXAMINING
GROUP 2133**

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Sir:

In response to the Final Office Action mailed November 23, 2004 on the above-referenced application, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Remarks/Arguments begin on page 12 of this paper.